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42.27 Index*

Wholesale Trade List

Fall 1951

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(Plant Pat. 923)

NEW YORKER (Plant Pat. 823)

Place Your Order *Early!*

Buy from Lake's for complete satisfaction!!! Highest quality nursery stock, prompt service and courteous treatment are our watchwords. Send us your order early while our assortment is complete. The stock you order will be reserved for you and will be shipped according to your instructions.

Order Today!

LONG DISTANCE
PHONES
406 - 407

Lakes

SHENANDOAH NURSERIES

Shenandoah, Iowa

CYDONIA JAPONICA - FL. QUINCE

HYDRANGEA P. G.

PHILADELPHUS, VIRGINALIS

Popular Flowering SHRUBS

KOLKWITZIA-
BEAUTY BUSH

SPRING GLORY
FORSYTHIA

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due NET 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs. Roses, Vines, PERENNIALS (including PEONIES and LILIES).

300 or more take 1000 rates where published.
30 to 300 take 100 rates.
Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.
Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.
Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.
Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are SUBJECT TO CHANGE WITHOUT NOTICE. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice-Pres. R. S. MULLISON, Vice-Pres.

A. D. HUNT, Treas.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.	$5 50	$50 00	$450 00
" " " 4 " " " 9/16 to 11/16 in.	4 75	42 50	375 00
" " " 3 " " " 7/16 to 9/16 in.	4 00	35 00	300 00
" " " 2 " " " 5/16 to 7/16 in.	2 90	25 00	------
" " " 5 " " " 7/8 in. and up	6 50	60 00	------

Anoka
Baldwin
Beacon
Cortland
Delicious Dark Red
Delicious Yellow
Dolgo
Duchess
Duchess Dark Red
Early Harvest
Fameuse
Fireside
Grimes Golden
Haralson
Jonathan Dark Red
Lodi
McIntosh
McIntosh Dark Red
Maiden Blush
Melba
Milton
Minjon
Minn. No. 790
Northern Spy Red
N. W. Greening
Prairie Spy
Red June
Redwell (Minn. No. 638)
Rome Beauty Red
Stayman Dark Red
Turley
Victory
Virginia Crab
Wealthy
Whitney
Winesap Dark Red
Yellow Transparent.

DELCON

A true semi-dwarf Apple tree—12 ft.

Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Flavor is a combination of its parents, Jonathan and Delicious. Developed, tested and approved by Mo. State Experiment Station. Hardy wherever Red Delicious is successful.

	Per 10	Per 100
2 to 3 ft. 2 yr.	$ 6 00	$ 55 00
3 to 4 ft. 2 yr.	7 50	70 00
4 to 5 ft. 2 yr.	8 50	80 00

QUINTUPLET APPLE

Shenandoah Grown

These trees were dormant budded in the Summer of 1950 on strong side limbs of 2 year trees. The buds have a full one year growth. The branches are heavy and well established.

	Per 10	Per 100	Per 1000
Three Years, 9-16 in. and up	$15.00	$135 00	$1250 00

CHERRY—SOUR

Two Year on Mahaleb

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$ 8 50	$80 00	$750 00
3½ " " " 9/16 to 11/16 in.	7 50	70 00	650 00
3 " " " 7/16 to 9/16 in.	6 00	55 00	------
5 " " " 1 in. and up	10 00	90 00	850 00

Early Richmond
English Morello
Montmorency

CHERRY—Sour

One Year on Mahaleb

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 and up	$ 8 50	$80 00	$------
3 " " " 9/16 to 11/16 in.	7 50	70 00	------
2½ " " " 7/16 to 9/16 in.	6 00	55 00	------
2 " " " 5/16 to 7/16 in.	5 00	45 00	------

Early Richmond
English Morello
Montmorency

CHERRY—Sweet

One and Two Year on Mahaleb and Mazzard
Please specify age and rootstock desired.

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, mostly branched	$10 00	$90 00	$
4 " " " 9/16 to 11/16 in., mostly branched	8 50	80 00	
3 " " " 7/16 to 9/16 in., whips and lightly branched	7 00	65 00	
2½ " " " 5/16 to 7/16 in., mostly whips	5 00	45 00	

Bing
Black Giant
Black Tartarian
Kansas Sweet
Napoleon
Schmidt's Big
Yellow Glass
Yellow Spanish

BUDDED
NANKING CHERRY
TOMENTOSA, Orient Cherry

An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor Excellent for eating fresh or for jam and jelly.

	Per 10	Per 100
18 to 24 in.	$ 4 00	$ 35 00
2 to 3 ft.	7 00	65 00
3 to 4 ft.	10 00	90 00

HANSEN'S BUSH CHERRY
(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
3 to 4 ft., transplants	$ 4 00	$ 35 00	$
2 to 3 ft., "	2 90	25 00	
18 to 24 in., "	2 40	20 00	
12 to 18 in., "	1 80	16 00	
18 to 24 in., one year seedlings		8 00	70 00
12 to 18 in., " " "		5 50	50 00

PEAR STANDARD

	Per 10	Per 100	Per 1000
Two Year, 4½ ft. and up, 11/16 in. and up	$ 7 00	$ 65 00	$600 00
" " 4 " " " 9/16 to 11/16 in.	6 00	55 00	500 00
" " 3 " " " 7/16 to 9/16 in.	4 50	40 00	
" " 2 " " " 5/16 to 7/16 in.	2 90	25 00	

Anjou
Bantam (Minn. No. 3)
Bartlett
Clapp Favorite
Cope's Seedless
Douglas
Duchesse d'Angouleme
Flemish Beauty
Gorham
Kieffer
Lincoln
Mendel
Orient
Parker
Patten
Seckel

PEAR—Dwarf

	Per 10	Per 100	Per 1000
Two Years, 11/16 in. and up	$ 9 00	$ 85 00	$
" " 9/16 to 11/16 in.	8 00	75 00	
" " 7/16 to 9/16 in.	5 50	50 00	

Bartlett **Duchess d'Angouleme** **Kieffer** **Seckel**

PEACH—One Year

		Per 10	Per 100	Per 1000
4	ft. and up, 9/16 to 11/16 in.	$ 6 00	$ 55 00	$550 00
3	" " " 7/16 to 9/16 in.	4 50	40 00	350 00
2	" " " 5/16 to 7/16 in.	3 20	28 00	250 00

Belle of Georgia
Champion
Early Elberta
Elberta
Golden Jubilee
Halehaven
Heath Cling
J. H. Hale
Mayflower
Osage
Polly
Red Haven
Rochester
Southhaven
Valiant

FERTILE HALE PEACH

Patent No. 175

An improved Hale type peach which is self fertile requiring no cross pollination. Hardier and more vigorous than J. H. Hale or Elberta. Fruit is yellow with deep carmine blush, ripens with last of Elbertas. An outstanding commercial variety. Frequently brings premium market prices. Excellent shipper.

		Per 10	Per 100	Per 1000
4	ft. and up, 9/16 to 11/16 in.	$ 7 00	$ 65 00	$ ____
3	" " " 7/16 to 9/16 in.	5 50	50 00	450 00
2	" " " 5/16 to 7/16 in.	4 50	40 00	350 00

Suggested retail price 10¢ per tree higher than unpatented varieties.

APRICOT—One Year

(On Peach Roots)

		Per 10	Per 100	Per 1000
3	ft. and up, 7/16 to 9/16 in.	$ 6 00	$ 55 00	$ ____
2	" " " 5/16 to 7/16 in.	5 00	45 00	____

Ea. Golden **Manchu** **Scout** **Superb** **Wenatchee** **Moorpark**

PLUM

EUROPEAN and JAPANESE

(On Myrobolan)

		Per 10	Per 100	Per 1000
4½	ft. and up, 11/16 in. and up	$ 6 50	$ 60 00	$550 00
4	" " " 9/16 to 11/16 in.	5 50	50 00	450 00
3	" " " 7/16 to 9/16 in.	4 50	40 00	350 00
2	" " " 5/16 to 7/16 in.	2 90	25 00	250 00

Abundance
Blue Damson
Burbank
Fellenberg
Green Gage
Italian Prune
Lombard
Red June
Reine Claude
Shrop Damson
Stanley
Yellow Egg

HOWARD'S MIRACLE

Patent No. 721

A new truly miracle plum. Flavor resembles combinations of nectarine, peach, and plum. Fruit is large averaging 2½ to 2¾ inches in diameter. Ripens over long period during July and August. Good keeper. A fast growing and quick bearing tree, often bearing second year after planting. Tree is medium size and attractive as ornamental tree. Tests show hardiness as far north as Northern Ohio. Can safely be planted where temperatures do not go below zero.

		Per 10	Per 100
4½	ft. and up, 11/16 in. and up	$ 8 00	$ 75 00
4	" " " 9/16 to 11/16 in.	7 00	65 00
3	" " " 7/16 to 9/16 in.	6 00	55 00

(Suggested retail price, $2.00 each)

PLUM—One Year

AMERICAN and HARDY HYBRIDS

(On Native Roots)	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 6 50	$ 60 00	$550 00
4 " " " 9/16 to 11/16 in.	5 50	50 00	450 00
3 " " " 7/16 to 9/16 in.	4 50	40 00	350 00
2 " " " 5/16 to 7/16 in.	2 90	25 00	------

Ames No. 200
Compass
Ember
Golden Rod
Hanska
Kaga
Kahinta
Oka
Omaha
Opata
Oxheart
Pipestone
Radiance
Red Coat
Sapa
Superior
Terry
Toka
Underwood
Waneta

NECTARINE

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$ 7 50	$ 70 00	$ -----
3½ " " " 9/16 to 11/16 in.	6 50	60 00	------
3 " " " 7/16 to 9/16 in.	5 00	45 00	------
2 " " " 5/16 to 7/16 in.	3 50	30 00	------

Sure Crop **Hunter**

CURRANTS

Tied, No. 1, 25; No. 2, 50 per Bundle.	Per 100	Per 1000
Cherry, dark red, 2 yr. No. 1	$16 00	$140 00
" " " 2 yr. No. 2	12 00	100 00
Fay (Fay's Prolific), dark red, 2 yr. No. 1	16 00	140 00
" " " " " 2 yr. No. 2	12 00	100 00
Perfection, bright red, 2 yr. No. 1	18 00	160 00
" " " 2 yr. No. 2	14 00	120 00
Red Lake, the light red berries are in long clusters; thrifty and extremely productive.		
2 yr. No. 1	18 00	160 00
2 yr. No. 2	14 00	120 00
Wilder, dark red, 2 yr. No. 1	16 00	140 00
" " " 2 yr. No. 2	12 00	100 00

GOOSEBERRIES

Tied 25 per Bundle.	Per 100	Per 1000
Champion, a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale green.		
2 yr. No. 1	$25 00	$ -----
2 yr. No. 2	20 00	----
Downing, pale green, 2 yr. No. 1	25 00	220 00
" " " 2 yr No. 2 or 1 yr. No. 1	20 00	180 00
Houghton, dark red, 2 yr. No. 1	20 00	180 00
" " " 2 yr. No. 2 or 1 yr. No. 1	18 00	150 00
Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.		
2 yr. No. 1	35 00	-----
2 yr. No. 2 or 1 yr. No. 1	25 00	------

BLACKBERRIES

Tied 25 per Bundle.	Per 100	Per 1000
Alfred, No. 1	$ 5 50	$ 50 00
Ancient Briton, No. 1	5 50	50 00
Blowers, No. 1	5 50	50 00
Early Harvest, No. 1	5 50	50 00
Eldorado, No. 1	5 50	50 00

RASPBERRIES

Tied 25 per Bundle.

	Per 100	Per 1000
Chief, a Latham seedling; finest early red; heavy producer.		
No. 1, suckers	$ 8 00	$ 75 00
Cumberland, most widely planted blackcap raspberry.		
Tips	5 50	50 00
Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality.		
1 yr. No. 1 Suckers	9 00	85 00
Latham, a large, productive red variety, always in demand.		
No. 1, Suckers	8 00	75 00
Logan, very large, jet black, juicy and sweet.		
Tips	5 50	50 00
Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
Tips	6 50	60 00
New Sunrise, one of the newer red varieties, firm, juicy fruit, early.		
No. 1 Suckers	8 00	75 00
St. Regis, large and sweet, bears over a long season, red.		
No. 1 Suckers	8 00	75 00
Sodus, a new, very large, drought-resistant purple raspberry, possibly most productive of all raspberries.		
1 yr. No. 1 Tips	6 50	60 00

GRAPE VINES

Tied, 2 yr. No. 1, 50; 2 yr. No. 2, 100 per Bundle.

	Per 100	Per 1000
Agawam, red, 2 yr. No. 1	$16 00	$140 00
" " 2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Beta, black, 2 yr. No. 1	16 00	140 00
" " 2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
2 yr. No. 1	20 00	180 00
2 yr. No. 2 or 1 yr. No. 1	15 00	130 00
Concord, black, 2 yr. No. 1	13 00	110 00
" " 2 yr. No. 2 or 1 yr. No. 1	9 00	80 00
Delaware, red, 2 yr. No. 1	18 00	160 00
" " 2 yr. No. 2 or 1 yr. No. 1	15 00	130 00
Fredonia, earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
2 yr. No. 1	16 00	140 00
2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Golden Muscat, large, golden grape of California type; very sweet; large bunches. Hardy in Middle West.		
2 yr. No. 1	60 00	------
2 yr. No. 2 or 1 yr. No. 1	50 00	------
Moore's Early, black, 2 yr. No. 1	17 00	150 00
" " " 2 yr. No. 2 or 1 yr. No. 1	14 00	120 00
Niagara, white, 2 yr. No. 1	16 00	140 00
" " 2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Portland, earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
2 yr. No. 1	$ 20 00	$180 00
2 yr. No. 2 or 1 yr. No. 1	16 00	140 00
Sheridan, black. Ripens one week later than Concord; better flavor; an excellent keeper.		
2 yr. No. 1	22 00	------
2 yr. No. 2 or 1 yr. No. 1	16 00	------

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Conover's Washington, Palmetto, 2 yr. No. 1	$ 2 60	$ 22 00
" " " " 1 yr. No. 1	1 80	15 00
Asparagus Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor.		
2 yr. No. 1	2 60	22 00
1 yr. No. 1	1 80	15 00
Boysenberry, Tip plants	5 50	50 00
Boysenberry, Thornless tip plants	6 50	60 00
Dewberry Lucretia, R. C. plants No. 1	4 50	40 00
Horseradish, Crowns	6 50	60 00
" Cuttings	3 50	30 00
Rhubarb, Victoria, Whole Roots, 2 yr. 1½ in. and up	8 50	80 00
" " " " 2 yr. 1 to 1½ in.	6 50	60 00
" " " " 1 yr. ⅝ to 1 in.	5 00	45 00
" " " " 1 yr. ½ to ⅝ in.	4 00	35 00
Rhubarb, Chipman Red, sweet and of excellent flavor; stem dark red throughout.	40 00	------
Rhubarb, McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	28 00	------
Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.	28 00	------
Youngberry, Tip Plants, No. 1	5 50	50 00

FRUIT TREE SEEDLINGS—American Grown

Our fruit tree seedlings are grown in Washington and Oregon where weather conditions are ideal. They are dug only when well ripened, and carefully graded by experienced graders. We are sure you will be pleased with them.

APPLE SEEDLINGS, Western grown	Per 100	Per 1000
¼ in. and up, branched	$ 3 70	$ 32 00
¼ in. and up, straight	3 50	30 00
No. 1, 3/16 to 1/4 in., branched	3 00	27 00
No. 1, 3/16 to 1/4 in., straight	3 00	27 00
No. 2, 2/16 to 3/16 in., branched	2 40	20 00
No. 2, 2/16 to 3/16 in., straight	2 40	20 00
No. 3, about 2/16 in.	1 70	14 00
CHERRY MAHALEB, Western grown		
1/4 in. and up	3 50	30 00
No. 1, 3/16 to 1/4 in.	3 20	28 00
No. 2, 2/16 to 3/16 in.	2 60	22 00
No. 3, about 2/16 in.	1 90	16 00
CHERRY MAZZARD, Western grown		
1/4 in. and up	3 50	30 00
No. 1, 3/16 to 1/4 in.	3 20	28 00
No. 2, 2/16 to 3/16 in,	2 60	22 00
No. 3, about 2/16 in;	1 90	16 00
PEACH SEEDLINGS, Shenandoah grown		
1/4 in. and up	4 50	40 00
No. 1, 3/16 and up	4 00	35 00
No. 2, 2/16 to 3/16 in.	3 50	30 00

FRUIT TREE SEEDLINGS—Continued

	Per 100	Per 1000
PEAR BARTLETT, Western grown		
1/4 in. and up, branched	$ 3 90	$ 34 00
No. 1, 3/16 to 1/4 in., branched	3 50	30 00
No. 2, 2/16 to 3/16 in., branched	2 60	22 00
No. 3, about 2/16 in.	1 90	16 00
PLUM MYROBOLAN, Western grown		
1/4 in. and up	3 50	30 00
No. 1, 3/16 to 1/4 in.	3 20	28 00
No. 2, 2/16 to 3/16 in.	2 60	22 00
No. 3, about 2/16 in.	1 90	16 00
PLUM NATIVE, Shenandoah grown		
1/4 in. and up	4 50	40 00
No. 1, 3/16 to 1/4 in.	4 00	35 00
No. 2, 2/16 to 3/16 in.	2 90	25 00
No. 3, and 2/16 in.	2 10	18 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

	Per 100	Per 1000
ASH, GREEN (Fraxinus pennsylvanica lanceolata)		
6 to 12 in.	$ 1 20	$ 10 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 50	22 00
2 to 3 ft.	3 50	30 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	7 50	70 00
5 to 6 ft.	12 00	100 00
BUCKTHORN (Rhamnus cathartica)		
6 to 12 in.	3 20	28 00
12 to 18 in.	4 50	40 00
18 to 24 in.	5 60	50 00
CARAGANA arborescens (Siberian Peashrub)		
6 to 12 in.	2 10	18 00
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	8 50	75 00
CATALPA speciosa, Western Catalpa		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 70	14 00
18 to 24 in.	2 40	20 00
CORYLUS AMERICANA, (American hazelnut)		
12 to 18 in.	9 00	80 00
18 to 24 in.	14 00	120 00
2 to 3 ft.	18 00	150 00
3 to 4 ft.	22 00	185 00
ELM, American (Ulmus americana)		
6 to 12 in.	90	8 00
12 to 18 in.	1 70	14 00
18 to 24 in.	2 10	18 00
2 to 3 ft.	2 90	25 00
3 to 4 ft.	4 00	35 00

FOREST TREE SEEDLINGS—Continued

	Per 100	Per 1000
ELM, Chinese (Ulmus pumila)		
6 to 12 in.	$ 90	$ 8 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 60	22 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 60	50 00
4 to 5 ft.	9 00	80 00
5 to 6 ft.	14 00	120 00
6 to 8 ft.	20 00	175 00
HONEY LOCUST (Gleditsia triacanthos)		
12 to 18 in.	1 70	14 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 20	28 00
3 to 4 ft.	5 60	50 00
HONEY LOCUST, Thornless (Gleditsia triacanthos inermis)		
12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	7 00	60 00
LOCUST, Black (Robinia pseudoacacia)		
12 to 18 in.	1 40	12 00
18 to 24 in.	2 10	18 00
2 to 3 ft.	2 90	25 00
MAPLE, Silver (Acer dasycarpum)		
6 to 12 in.	1 40	12 00
12 to 18 in.	2 10	18 00
18 to 24 in.	3 20	28 00
2 to 3 ft.	5 00	45 00
3 to 4 ft.	8 00	70 00
4 to 5 ft.	12 00	100 00
MULBERRY, Russian (Morus alba tatarica)		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 90	16 00
18 to 24 in.	2 90	25 00
OAK, Pin, (Quercus palustris)		
9 to 12 in.	6 50	55 00
12 to 18 in.	8 50	75 00
18 to 24 in.	12 00	100 00
OAK, RED, Quercus rubra		
6 to 12 in.	7 00	60 00
12 to 18 in.	9 00	80 00
18 to 24 in.	13 00	110 00
OSAGE ORANGE (Maclura pomifera)		
6 to 12 in.	90	8 00
12 to 18 in.	1 40	12 00
18 to 24 in.	1 90	16 00
PERSIMMON, (Diospyros virginiana)		
6 to 12 in.	2 90	25 00
12 to 18 in.	4 50	40 00
18 to 24 in.	5 60	50 00
2 to 3 ft.	7 00	65 00
3 to 4 ft.	9 50	85 00
RED BUD, (Cercis canadensis)		
12 to 18 in.	7 00	60 00
18 to 24 in.	12 00	100 00
2 to 3 ft.	18 00	150 00

FOREST TREE SEEDLINGS—Continued

	Per 100	Per 1000
RUSSIAN OLIVE (Elaeagnus angustifolia)		
6 to 12 in.	$ 2 10	$ 18 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	7 00	60 00
WALNUT, Black (Juglans nigra)		
6 to 12 in.	2 60	22 00
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	9 00	80 00
4 to 5 ft.	12 00	100 00

ONE YEAR FROM CUTTINGS

	Per 100	Per 1000
POPLAR (Populus)		
Carolina and Norway		
18 to 24 in., whips	$ 2 00	$ 25 00
2 to 3 ft., "	4 50	40 00
3 to 4 ft., "	7 00	60 00
Lombardy and Volga		
2 to 3 ft., whips	5 60	50 00
3 to 4 ft., "	8 50	75 00
4 to 5 ft., lightly branched	10 00	90 00
Simoni (Chinese Lombardy)		
18 to 24 in., whips	2 90	25 00
2 to 3 ft., "	4 50	40 00
3 to 4 ft., "	7 50	65 00
WILLOW (Salix)		
Babylonica		
2 to 3 ft.	7 00	60 00
3 to 4 ft.	8 50	75 00
4 to 5 ft.	12 00	100 00
Golden		
18 to 24 in.	2 60	22 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	8 00	70 00
Niobe (Golden Weeping)		
18 to 24 in.	4 50	40 00
2 to 3 ft.	7 00	60 00
3 to 4 ft.	8 50	75 00
4 to 5 ft.	12 00	100 00
Pussy (discolor)		
12 to 18 in.	2 40	20 00
18 to 24 in.	4 00	35 00
2 to 3 ft.	5 60	50 00
3 to 4 ft.	7 50	65 00
Wisconsin (blanda)		
18 to 24 in.	4 50	40 00
2 to 3 ft.	7 00	60 00
3 to 4 ft.	8 50	75 00
4 to 5 ft.	12 00	100 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread. All calipers are taken 6 inches above the collar.

ASH (FRAXINUS)

Green (pennsylvanica lanceolata) 50-60 ft.

Shapely, round-headed trees with slender, spreading branches. Hardy.

	Per 10	Per 100
5 to 6 ft.	$ 8 00	$ 75 00
6 to 8 ft.	11 00	100 00

CATALPA

bungei (Manchurian) 10-12 ft.

Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

1 year heads, 4 to 5 ft. stems	11 00	100 00
2 year heads, 4 to 5 ft. stems	14 00	125 00
1 year heads, 5 to 6 ft. stems	14 00	125 00
2 year heads, 5 to 6 ft. stems	16 50	150 00
1 year heads, 6 to 7 ft. stems	16 50	150 00
2 year heads, 6 to 7 ft. stems	20 00	180 00

CRAB, FLOWERING (MALUS)

2 to 3 ft.	5 50	50 00
3 to 4 ft.	8 00	75 00
4 to 5 ft.	11 00	100 00

niedzwetzkyana (Redvein Crab). 20-25 ft. Large deep pink flowers; red bark, leaves and fruit.

Parkman, halliana parkmani. 12-15 ft.

Semi-double, pink flowers on long stems. Compact habit of growth. Dwarf. April-May.

Red Silver. 25-30 ft. Cut-leaved, maroon red and silver foliage, bright red fruit.

CRAB FLOWERING (Malus)

2 to 3 ft., tree form	3 50	30 00
3 to 4 ft., " "	5 50	50 00
4 to 5 ft., " "	7 50	70 00
18 to 24 in., Shrub form	3 50	30 00
2 to 3 ft., " "	5 50	50 00
3 to 4 ft., " "	8 00	75 00

Hopa (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

ELM (ULMUS)

American White (americana) 60-100 ft.

A stately, massive tree that affords ample shade and shelter.

5 to 6 ft.	6 50	60 00
6 to 8 ft.	8 50	80 00
8 to 10 ft.	12 00	110 00

Chinese (Ulmus pumila) 40-50 ft.

A hardy, rapid-growing tree; small dense foliage; drought-resistant.

4 to 5 ft.	4 00	35 00
5 to 6 ft.	6 00	55 00
8 to 10 ft.	12 00	110 00

ORNAMENTAL and SHADE TREES—Continued

ELM (ULMUS)—Continued

Chinese, Ulmus Pumila. Root-Pruned Seedlings.

These trees have been grown in wide rows and thinned out to develop branched tops. All have been root-pruned to produce a branched root system. They will be graded by caliper and height.

	Per 10	Per 100
4 to 5 ft., 7-16 to 9-16 in.	$ 2 90	$ 25 00
5 to 6 ft., 9-16 to 11-16 in.	4 50	40 00
6 to 8 ft., 11-16 to 7-8 in.	6 50	60 00

Moline. 80-100 ft.

Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.

5 to 6 ft.	11 00	100 00
6 to 8 ft.	14 00	125 00

MAGNOLIA soulangeana, Saucer Magnolia (Available Spring only.)

The well-known shrub Magnolia, whose large fragrant blooms appear before the leaves. Symmetrical upright grower of excellent habit. Flowers open light purple at base, shading to pink at tips, with inside of petals clear pink to white. One of our most beautiful ornamentals. 20 feet.

2 to 3 feet, B & B	35 00	325 00

MAPLE (ACER)

Silver or Soft (dasycarpum) 60-80 ft.

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

5 to 6 ft.	7 50	70 00

Sugar or Hard (saccharum) 50-70 ft.

One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.

5 to 6 ft.	16 50	150 00

MOUNTAIN ASH (SORBUS)

European (aucuparia) 20-40 ft.

Smooth bark and dense pyramidal heads; berry clusters are large and bright.

4 to 5 ft.	11 00	100 00
5 to 6 ft.	15 00	135 00
8 to 10 ft.	25 00	225 00

OAK (QUERCUS)

Pin (palustris) 70-80 ft.

A broadly pyramidal tree; the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.

5 to 6 ft.	19 00	175 00
6 to 8 ft.	30 00	275 00
8 to 10 ft.	40 00	350 00

POPLAR (POPULUS)

Carolina (Norway variety) 70-80 ft.

Bright green foliage, spreading crown, very hardy. Extremely rapid growth.

	Per 10	Per 100	Per 1000
5 to 6 ft.	4 00	35 00	------
6 to 8 ft.	5 50	50 00	------
8 to 10 ft.	8 00	75 00	------
1¼ to 1½ in.	11 00	100 00	------

Lombardy (nigra italica) 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

5 to 6 ft. low branched	3 20	28 00	250 00
6 to 8 ft. " "	4 30	40 00	350 00
8 to 10 ft. " "	6 00	55 00	500 00
1¼ to 1½ in. " "	7 00	65 00	600 00
1½ to 2 in. " "	10 00	90 00	------

ORNAMENTAL and SHADE TREES—Continued

PRUNUS (PLUM)

Tree and Bush forms

(On plum or peach roots. Specify choice)

All varieties of Prunus are offered on plum or peach roots excepting Prunus Persica varieties. All varieties of Prunus (excepting Prunus Persica varieties) are available at 5¢ per plant less than the prices shown below if ordered on peach roots. Please be sure to specify preference.

cistena (Hansen's Purple-leaved Plum) (Bush form). (on peach only). 4-5 ft.
Rich purplish foliage; reddish brown branches. Very hardy.

	Per 10	Per 100
12 to 18 in.	$ 4 00	$ 35 00
18 to 24 in.	5 50	50 00

Newport (Purple-leaved Plum)
A large shrub with upright growth, purplish red foliage. Hardy.

2 to 3 ft.	7 00	65 00
3 to 4 ft.	10 00	90 00

Persica (Flowering Peach on peach roots) (Tree Form) 15-18 ft.

	Per 10	Per 100	Per 1000
2 to 3 ft.	$ 4 50	$ 40 00	$350 00
3 to 4 ft.	6 00	55 00	500 00
4 to 5 ft.	8 00	75 00	700 00

Cardinal, Double red.
Iceberg, Early snow-white.
Peppermint Stick, Bi-color red and white.
Pink Charming, Double pink.

pissardi rosea. 10 ft.
Deep bronzy purple foliage, holding its deep purplish red shade, almost black throughout the summer. Completely covered with pink single flowers in spring. A new introduction recently imported from England.

2 to 3 ft.	7 00	65 00	600 00
3 to 4 ft.	10 00	90 00	------

pissardi veitchi. 15 ft.
Completely covered in early spring with large clusters of double pink blooms similar to flowering cherry. Bronze colored foliage. Very hardy.

2 to 3 ft.	7 00	65 00	600 00
3 to 4 ft.	10 00	90 00	------

thundercloud. (On plum only). 20 ft.
The finest of all purple leaf plums. Very hardy.

	Per 10	Per 100
2 to 3 ft.	$ 7 00	$ 65 00
3 to 4 ft.	10 00	90 00

tomentosa, Orient Cherry.
An improved variety, producing an abundance of blooms. Self fertile, produces an abundance of fruit. Flesh of fruit is meaty, juicy with a pleasant sub-acid flavor. Excellent for eating fresh or for jam and jelly.

2 to 3 ft.	7 00	65 00
3 to 4 ft.	10 00	90 00

triloba (Double Flowering Plum). 8-10 ft.
Known also as the "Rose Tree of China". One of the finest shrubs; completely covered with pink rose like flowers in April and May.

18 to 24 in.	5 50	50 00
2 to 3 ft.	7 50	70 00
3 to 4 ft.	10 00	90 00

ORNAMENTAL and SHADE TREES—Continued

REDBUD (CERCIS)

	Per 10	Per 100
canadensis 20-30 ft.		
Produces an abundance of reddish-pink flowers in early Spring. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.		
18 to 24 in.	$ 4 00	$ 35 00
2 to 3 ft.	5 50	50 00

WILLOW (SALIX)

	Per 10	Per 100	Per 1000
babylonica 40-50 ft.			
A large, graceful Willow; bright green foliage, long wavy branches.			
3 to 4 ft.	$ 2 90	$ 25 00	$220 00
4 to 5 ft.	4 00	35 00	300 00
5 to 6 ft.	6 50	60 00	550 00
Laurel leaved, Salix pentandra. 30-40 ft.			
Hardy upright grower with large, dark green leaves.			
3 to 4 ft.	3 50	30 00	------
4 to 5 ft.	4 50	40 00	------
5 to 6 ft.	6 50	60 00	------
Niobe (Golden Weeping) 30-35 ft.			
A hardy, graceful weeping tree; light green leaves, golden yellow bark.			
3 to 4 ft.	2 90	25 00	------
4 to 5 ft.	4 00	35 00	300 00
5 to 6 ft.	6 50	60 00	550 00
Pussy (discolor) 20-25 ft.			
Very popular for its gray catkins in early Spring. Small, narrow leaves.			
2 to 3 ft.	3 50	30 00	------
3 to 4 ft.	4 50	40 00	------
Russian Golden (vitellina) 26-30 ft.			
Extremely hardy. One of the most wind-resisting windbreak trees.			
4 to 5 ft.	3 50	30 00	------
5 to 6 ft.	5 50	50 00	------
6 to 8 ft.	8 00	75 00	------
8 to 10 ft.	11 00	100 00	------
Wisconsin (blanda) 30-40 ft.			
The popular free-barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.			
3 to 4 ft.	2 90	25 00	------
4 to 5 ft.	4 00	35 00	300 00
5 to 6 ft.	6 50	60 00	550 00

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$220 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00
3 to 3½ ft.	6 00	55 00	------

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	300 00

Anemoneflorus, double bright pink.
Boule de Feu, double purplish-red.
Jeanne de Arc, double pure white.
Lucy, very double red.
*Coelestis, Single blue.
Purpurea Semi-Plena, semi-double clear purple.
Snowdrift, single white
Totus Albus, single white.

***Available 18-24 inch, 2-3 ft. and 3-4 ft. grades, 10¢ higher per grade.**

BARBERRY (BERBERIS)

Redleaf (thunbergi atropurpurea)

Warm bronze-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

12 to 15 in.	2 90	25 00	220 00
15 to 18 in.	3 80	33 00	300 00
18 to 24 in.	4 50	40 00	------
2 to 2½ ft.	5 00	45 00	------

thunbergi. 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

12 to 15 in.	2 30	19 00	------
15 to 18 in.	2 60	22 00	200 00
18 to 24 in.	3 20	28 00	250 00
2 to 2½ ft.	4 00	35 00	300 00

TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Groves in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

	Wholesale Price Net			Retail Resale Prices			
Size	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
12 to 15 inches	$2 80	$23 00	$210 00	$ 60	$2 25	$10 00	$36 00
15 to 18 inches	3 50	30 00	270 00	70	2 85	12 50	45 00
18 to 24 inches	4 50	37 00	340 00	90	3 50	15 00	55 00

ORNAMENTAL SHRUBS—Continued

BUCKTHORN (RHAMNUS)

cathartica (Common) June. 6 ft.

Attractive ovate, dark green leaves, smaller, white flowers; black berries. Used extensively for hedging in the north.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 2 40	$ 20 00	$ ------
2 to 3 ft.	3 50	30 00	------
3 to 4 ft.	4 50	40 00	------

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.

Medium	2 90	25 00	------
No. 1	3 50	30 00	------

Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

Dubonnet, 4-5 ft.

The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Bloom profusely.

Red Glory

A distinctly red Buddleia. Blooms over a long period. Dark green foliage.

CALYCANTHUS (SWEET SCENTED SHRUB)

Floridus. June-July. 4-5 ft.

A hardy symmetrical shrub with dark green foliage and chocolate-colored flowers; very fragrant. Thrives well in shady locations.

12 to 18 in.	4 00	35 00	300 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	------

CARAGANA (PEASHRUB)

arborescens (Siberian Peashrub) May-June. 10-20 ft.

Small, light green foliage, clusters of bright yellow, pea-shaped flowers. Perfectly hardy, valuable for either group or individual plantings.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	3 50	30 00	------

CORNUS (DOGWOOD)

alba siberica (Coral Dogwood) April-May. 8-10 ft.

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

12 to 18 in	$ 2 40	$ 20 00	$180 00
18 to 24 in	3 50	30 00	270 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	5 50	50 00	450 00

Florida (White Flowering Dogwood) July. 12-15 ft.

Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.

18 to 24 in.	8 00	75 00	------
2 to 3 ft.	11 00	100 00	------

Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.

Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.

18 to 24 in. Bare root	14 00	100 00	------
*2 to 3 ft. Wrapped in moss and burlap	22 00	175 00	------
*3 to 4 ft. " " " " "	30 00	275 00	------

stolonifera (Redosier Dogwood) May-June. 6-8 ft.

Spreading but erect growing; white flowers and berries; dark red bark.

12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------
3 to 4 ft.	5 50	50 00	------

*Balled and burlapped optional—add 35¢ ea. for 2/3 ft., 50¢ ea. for 3/4 ft.

ORNAMENTAL SHRUBS—Continued

CORNUS (DOGWOOD)—Continued

stolonifera lutea (Gold Twig Dogwood) 6-8 ft.

A striking yellow-branched form of Stolonifera; of high decorative value.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 40	$ 20 00	$ ------
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	5 50	50 00	------

Variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft.

Silver variegated leaves, bright red bark. Very attractive.

18 to 24 in.	5 50	50 00	------
2 to 3 ft.	8 50	75 00	------

COTONEASTER

Acutifolia (Peking Cotoneaster) May-June. 10-12 ft.

A valuable massing and hedging shrub. Dark green leaves; black fruit.

18 to 24 in.	4 00	35 00	320 00
2 to 3 ft.	5 50	50 00	450 00

CRANBERRY, Highbush (See Viburnum)

CREPE MYRTLE (Lagerstroemis Indica) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------

Pink — Watermelon Red
Purple — White

Wm. Toovey

The finest of all Crepe Myrtles. The neat compact plant produces a solid mass of beautiful deep watermelon red flowers in large heads. A most profuse bloomer.

12 to 18 in.	3 50	30 00	------
18 to 24 in.	5 00	45 00	------
2 to 3 ft.	6 00	55 00	------

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

japonica (Japanese Flowering Quince) March-April. 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	3 80	33 00	300 00
2 to 3 ft.	5 00	45 00	400 00

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japonica rubra (True Red Flowering Quince) March-April. 5-6 ft.

An improved strain which produces true bright red flowers. A distinct improvement on the common japonica. Non-fruiting.

12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	------

Nivalis (March-April. 5-6 ft.)

The best pure white quince. The clusters of sparkling white flowers contrast nicely with the dark green foliage. A vigorous upright grower.

12 to 18 in.	5 50	-----	------
18 to 24 in.	7 00	-----	------

ORNAMENTAL SHRUBS—Continued

DEUTZIA

Gracilis (Slender; Dwarf Deutzia) May. 2½-3 ft.
One of the most useful of all dwarf-growing shrubs. A profusion of snow-white flowers in May.. Will thrive in partial shade. Used for forcing.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 2 90	$ 25 00	$ ------
12 to 15 in.	4 50	40 00	------

Lemoinei (Lemoine Deutzia) May. 3-4 ft.
Very floriferous, semi-dwarf hybrid variety; creamy white flowers in short, chubby sprays; distinct from all other varieties.

12 to 18 in.	4 00	35 00	------
18 to 24 in.	5 00	45 00	------
2 to 2½ ft.	6 00	55 00	------

Pride of Rochester. May. 8-10 ft.
A tall, broad-topped bush, double white flowers tinged pink.

12 to 18 in.	2 60	22 00	200 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	5 50	50 00	450 00

ELDER (SAMBUCUS)

Golden American (canadensis aurea) June-July. 8-10 ft.
Hardy rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------

EUONYMUS Japonicus (Evergreen Burningbush).

Upright dense grower. Thick, shiny, oval leaves. Not recommended where temperature falls below zero.

12 to 18 in. Bareroot	6 50	60 00	------
18 to 24 in. Bareroot	11 00	100 00	------

FORSYTHIA (GOLDEN BELL)

fortunei (Fortune Forsythia) April. 6-8 ft.
A large, upright shrub with slightly drooping branches, golden yellow flowers.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	------

intermedia (Border Forsythia) April. 6-8 ft.
One of the most floriferous varieties; slender arching branches; dark green, lustrous leaves. Bright golden yellow flowers in early Spring.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------

intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.
Hardiest of all Forsythias. Very profuse bloomer; rich yellow flowers.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	------

FORSYTHIA SPRING GLORY

A new Forsythia which is, without doubt, the loveliest of all Forsythias. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

12 to 18 in.	3 20	28 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------
3 to 4 ft.	6 50	60 00	------

ORNAMENTAL SHRUBS—Continued

FORSYTHIA (GOLDEN BELL)—Continued

	Per 10	Per 100	Per 1000
suspensa, Weeping Forsythia. 6-8 ft.			
Slender pendulous branches. Golden yellow flowers in April.			
18 to 24 in.	$ 4 00	$ 35 00	$ ------
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------

HEDGING (See Page 28)

HONEYSUCKLE (LONICERA)

fragrantissima, Winter Honeysuckle. 6-8 ft.			
Fragrant white flowers in March-April. Nearly evergreen, semi-hardy.			
12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.			
Rose-pink flowers in abundance, green rounded foliage. Upright growth.			
12 to 18 in.	2 40	20 00	------
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00
Korolkowi Floribunda (Blueleaf Honeysuckle) May-June. 10-12 ft.			
Attractive broad shrub, horizontal branches. Broad blue-green foliage, small pink flowers, bright red berries.			
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------
morrowi (Morrow Honeysuckle) May-June. 5-6 ft.			
Yellowish-white flowers, followed by red fruit. Broad-spreading growth.			
12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------
Tatarian Pink (tatarica rosea) April-May. 10-12 ft.			
The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.			
12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00
Tatarian Red (tatarica rubra) April-May. 10-12 ft.			
A hardy and vigorous shrub. Rosy-pink flowers followed by bright red fruit.			
12 to 18 in.	2 40	20 00	------
18 to 24 in.	3 20	28 00	------
2 to 3 ft.	4 50	40 00	------
3 to 4 ft.	5 50	50 00	------
Tatarian White (tatarica alba) April-May. 10-12 ft.			
White to creamy-white flowers; upright growth. Red berries.			
12 to 18 in.	2 40	20 00	180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
zabeli, Zabel Honeysuckle. 8-10 ft.			
Generally accepted as the best of the improved strains of Red Tatarian Honeysuckle. Flowers are true red. Very hardy.			
12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------

ORNAMENTAL SHRUBS—Continued

HYDRANGEA	Per 10	Per 100	Per 1000
arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.			
Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.			
12 to 18 in.	$ 3 50	$ 30 00	$270 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 4 ft.	6 50	60 00	550 00
paniculata grandiflora (Peegee Hydrangea) 6-8 ft.			
Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.			
12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 4 ft.	6 50	60 00	550 00
KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.			
A graceful shrub, covered with small pink flowers in May.			
12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	5 50	50 00	450 00
2 to 3 ft.	6 50	60 00	550 00
LILAC (SYRINGA)			
Common Purple (vulgaris) April-May. 12-15 ft.			
The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.			
12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	6 00	55 00	------
Common White, (vulgaris alba) 12-15 ft.			
Hardy, vigorous shrub. Attractive foliage, single white flowers.			
12 to 18 in.	3 50	30 00	------
Persian Purple (persica) (April-May. 8-10 ft.			
Slender arching branches, small leaves and lilac flowers.			
12 to 18 in.	3 50	30 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------
3 to 4 ft.	6 50	60 00	------
rothomagensis (chinensis) April-May. 8-10 ft.			
Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.			
12 to 18 in.	3 50	30 00	------
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	6 50	60 00	550 00
villosa (Late Lilac) June. 8-10 ft.			
Large, broad, plume-like panicles of delicate pink flowers; large leaves			
12 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	------

ORNAMENTAL SHRUBS—Continued

LILAC (Syringa)

French Lilacs. Named varieties. April-May. 8-15 ft.

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double and single flowering varieties, many usual shades and color blends.

	Per 10	Per 100
9 to 12 in.	$ 3 20	$ 28 00
12 to 18 in.	4 50	40 00
18 to 24 in.	6 50	60 00

s—Single d—Double

	9/12"	12/18"	18/24"
Ambassadeur, s blue	X	--	--
Belle de Nancy, d rose white center	X	X	--
Chas. X, s reddish purple	X	X	X
Congo, s dark red	X	X	X
Edouard Andre, d clear rose	X	X	--
Ellen Willmott, d creamy white	X	X	--
Hugo Koster, s lilac tinged red	--	X	X
K Havemeyer, d deep blue	--	X	X
Marc Michel, d lavender blue	--	X	X
Mrs. Edw Harding, d carmine	X	X	X
Pres. Grevy d bluish lilac	X	X	--

PHILADELPHUS (MOCK ORANGE, SYRINGA)

	Per 10	Per 100	Per 1000
Bouquet Blanc. May-June. 4-5 ft. Close-set branches of fragrant double white flowers; rich green foliage.			
12 to 18 in.	$ 3 20	$ 28 00	$------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------
coronarius (Sweet Mock Orange) May-June. 8-10 ft. The old fashioned sweet-scented Mock Orange; free-flowering and vigorous.			
12 to 18 in.	2 60	22 00	200 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00
grandiflorus (Scentless Mock Orange) May-June. 10-12 ft. Large scentless white flowers in clusters; branches somewhat straggling.			
12 to 18 in.	2 60	22 00	------
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	------
Innocence May-June. 6 ft. The long arching branches are completely covered with large alabaster-white single blooms. The whiteness of the blooms is so pure as to make all other mock oranges seem gray by comparison. Fragrance is more delicate yet more penetrating than Jasmine.			
12 to 18 in.	4 50	40 00	------
18 to 24 in.	6 00	55 00	------
2 to 3 ft.	7 00	65 00	------
3 to 4 ft.	8 00	75 00	------

PHILADELPHUS MINNESOTA SNOWFLAKE

Plant Pat. No. 538

A really new and outstanding introduction. The glistening white, intensely double blooms are borne profusely and are very fragrant. The well shaped shrub is nicely branched with good foliage.

	Wholesale Prices		Suggested Retail Prices	
	Per 10	Per 100	Each	Dozen
18 to 24 in.	$6 00	$55 00	$1 25	$12 00
2 to 3 ft.	7 00	65 00	1 50	15 00
3 to 4 ft.	9 00	85 00	2 00	20 00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS (MOCK ORANGE, SYRINGA)—Continued

Virginal May-June. 7-8 ft.

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 50	$ 30 00	270 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00

PHYSOCARPUS (NINEBARK)

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

12 to 18 in.	2 60	22 00	200 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

POMEGRANATE

punica nana (Dwarf Flowering)

An excellent dwarf type shrub. Produces an abundance of bright double, orange-red carnation type flowers. Not hardy where temperatures fall below 10 to 15 degrees above zero.

	Per 10	Per 100
12 to 15 in.	$ 4 50	$ 40 00
15 to 18 in.	5 50	50 00
18 to 24 in.	6 50	60 00

PRIVET (LIGUSTRUM)

Amur River North (amurense) June. 8-12 ft.

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 100	Per 1000
9 to 12 in., branched	$ 7 00	$ 60 00
12 to 18 in., 2 canes and up	9 00	80 00
12 to 18 in., 3 " " "	10 00	90 00
18 to 24 in., 2 " " "	10 00	90 00
18 to 24 in., 3 " " "	14 00	120 00
2 to 3 ft., 2 and 3 canes and up	14 00	120 00
2 to 3 ft., 4 canes and up	18 00	160 00
3 to 4 ft., 4 " " "	20 00	180 00
3 to 4 ft., 5 " " "	22 50	200 00

California (ovalifolium) June-July. 8-12 ft.

9 to 12 in., branched	5 60	50 00
12 to 18 in., "	8 00	70 00
18 to 24 in., "	10 00	90 00
2 to 3 ft., "	14 00	120 00
3 to 4 ft. "	18 00	160 00

ibolium (Hardy California) June-July. 6-8 ft.

Very similar to, but much hardier than California Privet, not as evergreen.

9 to 12 in.	5 00	45 00
12 to 18 in., 3 canes and up	8 00	70 00
18 to 24 in.., 3 " " "	10 00	90 00
2 to 3 ft., 4 " " "	14 00	120 00
3 to 4 ft., 4 " " "	18 00	160 00

japonica (Japanese Privet)

An upright growing broad leaved evergreen. Leaves are a shiny dark green. A fast growing dense shrub. Produces small white flowers followed by clusters of blue berries. Not hardy in northern states.

	Per 10	Per 100
12 to 18 in., wrapped in moss and burlap	$ 2 90	$ 25 00
18 to 24 in., " " " " "	4 50	40 00

ORNAMENTAL SHRUBS—Continued

PRIVET (LIGUSTRUM)—Continued

Lodense. 2½ ft.

Very compact, dwarf form.

	Per 100	Per 1000
12 to 15 in.	2 10	18 00
15 to 18 in.	2 60	22 00

Regel (regelianum) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

12 to 18 in.	25 00	220 00
18 to 24 in.	40 00	350 00
2 to 2½ ft.	45 00	400 00

Thompson's (thompsoni)

Rapid-growing; bushy; very desirable.

12 to 18 in.	9 00	80 00
18 to 24 in.	11 00	100 00
2 to 3 ft.	14 00	120 00
3 to 4 ft.	18 00	160 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

RHUS (SUMAC)

Cut Leaf (typhina laciniata) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	------

Smooth (glabra) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------

Staghorn (typhina) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rock soil.

18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------
4 to 5 ft.	6 00	55 00	------

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

15 to 18 in.	2 60	22 00	------
18 to 24 in.	3 20	28 00	------

SPIREA

Anthony Waterer. June-September. 3-3½ ft.

Very dwarf; free-flowering. Produces flat rose-red flower heads.

9 to 12 in.	2 40	20 00	------
12 to 15 in.	3 20	28 00	250 00

arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

billiardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 60	$ 22 00	$200 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

SPIREA BLUE MIST (Caryopteris) 18-24 inch.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy.

	Per 10	Per 100	Per 1000
Medium	$ 2 60	$ 22 00	$200 00
No. 1	3 50	30 00	------

froebeli (Froebel) May-June. 3-4 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 60	$ 22 00	$200 00
18 to 24 in.	3 20	28 00	250 00
2 to 2½ ft.	3 80	33 00	300 00

opulifolia nana (See Physocarpus opulifolius nana)

thunbergi (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf.. Foliage turns to orange-red in Autumn.

12 to 18 in.	2 60	22 00	200 00
18 to 24 in.	3 50	30 00	270 00
2 to 2½ ft.	4 00	35 00	------
2½ to 3 ft.	4 50	40 00	------

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

12 to 18 in.	2 30	19 00	160 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	------

SYMPHORICARPOS (SNOWBERRY)

chenaulti (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	3 50	30 00	------

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00

vulgaris (Indiancurrant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00

ORNAMENTAL SHRUBS—Continued

TAMARIX

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 60	$ 22 00	$200 00
18 to 24 in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	350 00

africana. May. 10-12 ft.
Slender spreading branches, reddish brown bark, pink flowers.

amurensis (Amur Tamarix) August-September. 8-10 ft.
Purple branches, graceful foliage. Thrives in dry soil.

hispida (Kashgar Tamarix) August-September. 12-15 ft.
Slow, compact, upright growth; long panicles of bright pink flowers.

odessana (Odessa Tamarix) July. 6-8 ft.
Dwarf, bushy growth; loose panicles of lavender-pink flowers.

tetrandra purpurea. May-June. 10-12 ft.
Vigorous growth, bright green foliage, pink flowers. Very hardy.

VIBURNUM burkwoodi, Improved Carlesi. May. 5 ft.
The evergreen Viburnum Carlesi. Flowers are white and delightfully fragrant, as much as 3½ inches across. Leaves are small and shiny. Vigorous grower.

12 to 15 in., Wrapped in moss and burlap	14 00	120 00	------
15 to 18 in., " " " " "	18 00	160 00	------
18 to 24 in., " " " " "	22 50	200 00	------
*2 to 3 ft., " " " " "	30 00	275 00	------

carlesi, Mayflower Viburnum. May. 5 ft.
Waxy white delightfully fragrant flowers are produced in early spring as the leaves are unfolding. Very hardy, does well in light shade as well as in full sun.

12 to 15 in., Wrapped in moss and burlap	14 00	120 00	------
15 to 18 in., " " " " "	18 00	160 00	------
18 to 24 in., " " " " "	22 50	200 00	------
*2 to 3 ft., " " " " "	30 00	275 00	------

dentatum, Arrowhead. April-May. 10-12 ft.
Attractive foliage, white flowers, followed by bluish-black fruit.

18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------

juddi, May. 5 ft.
A new Carlesi-Burkwoodi hybrid. Produces sweet-scented, light pink, long tubed flowers. A vigorous grower.

12 to 15 in., Wrapped in moss and burlap	16 00	140 00	------
15 to 18 in., " " " " "	20 00	175 00	------
18 to 24 in., " " " " "	25 00	225 00	------
*2 to 2½ ft., " " " " "	32 50	300 00	------

lentago, Nannyberry. 18-20 ft.
Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.
Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 in.	3 50	30 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

opulus sterile, Common Snowball. April-May. 10-12 ft.
Popular shrub. Blooms profusely. Large double white flowers.

12 to 18 in.	4 00	35 00	------
2 to 3 ft.	6 50	60 00	------

*Balled and Burlapped optional. Add 35¢ ea.

ORNAMENTAL SHRUBS—Continued

VITEX macrophylla (Big-leaved Chaste Tree). July to frost. 5-6 ft.
Semi-dwarf flowers lavender-blue. Hardy.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$ ------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------

WEIGELA BRISTOL RUBY
Plant Patent No. 492

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 5 00	$ 40 00	$ ------
2 to 3 ft.	7 00	60 00	------

WEIGELA (DIERVILLA)

Dwarf Variegated, nana variegata. May-June. 5 ft.
Growth dwarf, compact, variegated leaves. Light pink flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$200 00
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.
Attractive foliage; clear ruby red trumpet-shaped flowers over long season.

12 to 18 in.	3 70	32 00	280 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 4 ft.	6 50	60 00	------

floribunda (Crimson Weigela) May-June. 6-8 ft.
Lighter red flowers than Eva Rathke, but a much stronger grower.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------

Newport Red. 6-7 ft.
New ruby-red Weigela recommended for its hardiness and habit of growth, making a well formed plant.

12 to 18 in.	3 70	32 00	------
2 to 3 ft.	6 00	55 00	------

rosea, (florida) Pink Weigela. May-June. 6-8 ft.
Popular shrub with beautiful showy pink flowers.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	------
3 to 4 ft.	6 00	55 00	------

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

engelmanni (Engelmann Creeper) 30-40 ft.
Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall. Blue-black fruit.

	Per 10	Per 100	Per 1000
2 year, Medium	$ 2 40	$ 20 00	$180 00
2 " No. 1	2 90	25 00	220 00

veitchi (Tricuspidata) Boston Ivy 40-50 ft.
Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.

2 year, Medium	3 50	30 00	------
2 " No. 1	4 50	40 00	------

CLIMBING VINES—Continued

BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.

A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

	Per 10	Per 100	Per 1000
2 year, Medium	$ 2 60	$ 22 00	$200 00
2 " No. 1	3 20	28 00	250 00

CELASTRUS

scandens (American Bittersweet) 20-25 ft.

Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.

2 year, Medium	2 40	20 00	------
2 " No. 1	2 90	25 00	------

CLEMATIS

Paniculata (Sweet Autumn)

A valuable climber literally covered with white fragrant flowers in September.

2 year, Medium	3 50	30 00	------
2 " No. 1	4 50	40 00	------

EUONYMUS

Radicans, Winter Creeper. 15-20 ft.

A fine evergreen vine, rose-red berries. Especially desirable for winter effect. Can be used also for edging and as a ground cover.

2 year, Medium	5 50	50 00	------
2 " No. 1	6 50	60 00	------

HONEYSUCKLE (LONICERA)

Gold Flame. May until Frost. 15-20 ft.

Flowers flame-coral, inside clear yellow, produced in clusters.

2 year, Medium	3 70	32 00	280 00
2 " No. 1	4 50	40 00	350 00

Hall's Japan (Japonica Halliana) July-October. 20-25 ft.

Fragrant, pure white flowers, changing to yellow; almost evergreen.

2 year, Medium	1 80	15 00	130 00
2 " No. 1	2 20	19 00	160 00

Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00

Summer King (Heckrotti) May until Frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.

2 year, Medium	3 70	32 00	280 00
2 " No. 1	4 50	40 00	350 00

POLYGONUM auberti

(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.

A fast-growing, twining vine; light green leaves, fleecy white flowers.

2 year, Medium	3 50	30 00	270 00
2 " No. 1	4 50	40 00	350 00

CLIMBING VINES—Continued

WISTERIA	Per 10	Per 100	Per 1000
American (frutescens) June-July. 20-25 ft.			
Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.			
2 year, Medium	$ 2 60	$ 22 00	$200 00
2 " No. 1	3 20	28 00	------
Chinese Blue (sinensis) May. 30-40 ft.			
Long, attractive drooping clusters of pea-shaped flowers.			
2 year, Medium	4 50	40 00	------
2 " No. 1	5 50	50 00	------
Chinese White (sinensis alba) May. 30-40 ft.			
White form of above. .			
2 year, Medium	4 50	40 00	------
2 " No. 1	5 50	50 00	------
Multijuga Pink, Japanese Wisteria. May. 40-50 ft.			
Beautiful pink flowers in long clusters.			
2 year, Medium Grafts	4 50	40 00	------
2 " No. 1 "	5 50	50 00	------

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS) thunbergi (Japanese Barberry)	Per 100	Per 1000
9 to 12 in., 2 year seedlings, branched	$ 8 00	$ 70 00
12 to 18 in., 2 and 3 year seedlings, branched	10 00	90 00
18 to 24 in., 2 and 3 year seedlings, branched	14 00	120 00
CARAGANA arborescens (Siberian Pea Tree)		
6 to 12 in.	2 10	18 00
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	8 50	75 00
HONEYSUCKLE (Lonicera)		
Tatarian—Pink, Red, White		
9 to 12 in.	7 00	60 00
12 to 18 in.	9 50	85 00
18 to 24 in.	14 00	120 00
2 to 3 ft.	17 00	150 00
MULBERRY (MORUS) Russian, tatarica		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 90	16 00
18 to 24 in.	2 90	25 00
PRIVET—See Ornamental Shrubs.		
RUSSIAN OLIVE (Elaeagnus angustifolia)		
6 to 12 in.	2 10	18 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
SPIREA vanhoutte		
9 to 12 in.	5 60	50 00
10 to 15 in.	8 00	70 00
12 to 18 in.	10 00	90 00
18 to 24 in.	14 00	120 00
2 to 3 ft.	17 00	150 00

NOTE. HONEYSUCKLE Heckrotti makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

(Balled and Burlapped)

ALL EVERGREENS SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES. WE DO NOT GUARANTEE SURVIVAL.

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

	Per 10	Per 100
PICEA (SPRUCE)		
glauca densata (Black Hill Spruce) 40-50 ft.		
Usually symmetrical, compact and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardiest Spruces.		
18 to 24 in.	$22 50	$200 00
2 to 2½ ft.	27 50	250 00
2½ to 3 ft.	32 50	300 00
3 to 3½ ft.	37 50	350 00
3½ to 4 ft.	42 50	400 00
4 to 5 ft.	52 50	500 00
5 to 6 ft.	62 50	600 00
pungens, (Colorado Green Spruce) 60-80 ft.		
Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.		
2 to 2½ ft.	32 50	300 00
2½ to 3 ft.	37 50	350 00
3 to 3½ ft.	42 50	400 00
3½ to 4 ft.	52 50	500 00
pungens glauca, (Colorado Blue Spruce) 60-80 ft.		
Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.		
2 to 2½ ft.	50 00	450 00
2½ to 3 ft.	65 00	600 00
3 to 3½ ft.	80 00	750 00
THUJA (ARBOR VITAE)		
orientalis (biota) (Chinese A. V.) 20-25 ft.		
A broadly pyramidal tree, native of Asia; dense, compact dark green foliage dulling to bronzy green in winter.		
2 to 3 ft.	27 50	250 00
3 to 4 ft.	37 50	350 00

ROSES

All our roses are grown by men who have had long years of experience in growing roses. The land on which they are grown is carefully selected for its ability to produce a very fibrous root system and strong vigorous tops.

The buds are placed low on the understock thus eliminating "shanky" bushes and are nipped at just the right time to produce the maximum number of low branched canes.

Throughout the growing season they are fertilized regularly. After every rain or once per week, whichever would be most frequent, they are thorouhgly dusted.

By following this pattern we are able to hold the foliage on our roses throughout the summer. Consequently they continue to grow through the summer, storing up food for winter storage.

They are dug only when thoroughly dormant and are transferred directly to iced cars for shipment to Shenandoah where they are carefully graded and placed in our modern cold storage until you request shipment.

OUR ROSES ARE GUARANTEED TO PLEASE

All roses are tied No. 1 and No. 1½, 10 per bundle No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6 50	$ 60 00	$550 00
" " " No. 1½	5 25	47 50	425 00

Ami Quinard, dark velvety crimson, almost black; fragrant.

Caledonia, large double white; long buds opening to large, double flowers.

Christopher Stone, alive with vivid scarlet, petals glowing with a velvety sheen. Deliciously scented. Very popular.

Condesa de Sastago, petals are coppery-pink inside, golden reverse.

Contrast, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.

Duquesa de Penaranda, strong vigorous grower, very free-flowering; apricot-orange to dark pink. A most desirable variety,

Dame Edith Helen, bright glowing pink; one of the largest and most perfectly shaped of the Hybrid Tea Roses.

Editor McFarland, shapely buds and double, brilliant pink blooms; profuse.

Etoile de Hollande, one of the best dark red roses; a strong grower, free-flowering, very fragrant.

Golden Charm, dainty pointed yellow blooms.

Grenoble, one of the better reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.

Golden Rapture, long-lasting well shaped buds and double blooms of rich yellow on long strong stems.

Joanna Hill, double blooms of golden buff, yellow center; fragrant.

K. A. Viktoria, very popular, free-flowering, double, pure white.

McGredy's Ivory, ivory-white, perfectly shaped double blooms; sweet-scented.

McGredy's Yellow, well formed flowers of bright buttercup yellow. Glossy.

Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.

ROSES—Continued

TEA, HYBRID TEA AND EVERBLOOMING—Continued

Night, a new very dark rose; bud almost black on long strong stem; an upright and hardy plant.

Picture, a very beautiful new rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.

Pink Dawn, deep rose-pink, lightly toned orange; well formed flowers.

Poinsettia, one of the most brilliant red roses ever produced. Poinsettia scarlet. A good grower and fine as a cut flower.

President Herbert Hoover, a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.

Radiance, large brilliant rose-pink; very fragrant. A most popular variety.

Red Radiance, bright rosy-red ,free blooming; delightfully fragrant.

Red Talisman, Talisman sport. Bud long-pointed; flowers large, double, fragrant. Deep cerise-red blending into yellow shade at base.

Rouge Mallerin, large, lasting velvety red, very double blooms.

Soeur Therese, double rich yellow blooms; vigorous, upright, profuse.

Talisman, golden-yellow, stained coppery-red and orange-rose; a favorite variety.

The Doctor, a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

Yellow Sastago, vigorous yellow sport of the popular bush variety.

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6 50	$ 60 00	$550 00
" " " No. 1½	5 25	47 50	425 00

American Beauty, a very popular cerise-red variety.

Frau Karl Druschki, very popular large pure white.

General Jacqueminot, old favorite, dark red rose.

Paul Neyron, dwarf bushed; gigantic rose pink, fragrant flowers.

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6 50	$ 60 00	$550 00
" " " No. 1½	5 25	47 50	425 00
" " " No. 2	4 00	35 00	300 00

*__Baby Chateau,__ deep red blooms, one of the best of its type.

*__Cameo,__ shell pink and salmon with a glow of gold; blooms continuously.

*__Ellen Poulsen,__ splendid bright rose-pink flowers of large size; fragrant.

*__Else Poulsen,__ lasting bright rose-pink flowers; semi-double.

*__Floradora,__ Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

Golden Salmon Supreme, large clusters of striking reddish-orange flowers; low growth.

*__Gruss an Aachen,__ large light flesh-pink and salmon-yellow.

*__Lafayette Improved,__ large flowers of bright cherry-crimson.

*Hybrid Polyantha and Floribunda varieties.

All of our roses will be stored in our new cold storage, one of the most modern and best of its kind in the country. After several years of careful experimentation we have equipped this storage with the new germicidal lamps which our tests have shown will enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants. We have also been able to reduce sprouting in storage to a minimum by installing automatic controls to maintain proper temperature and humidity in our cold storage.

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
Belle Poitevine, very large, magenta-pink flowers.			
2 to 3 ft.	$ 5 50	$ 50 00	$------
18 to 24 in.	4 50	40 00	------
12 to 18 in.	3 50	30 00	------
F. J. Grootendorst, small bright red flowers in clusters.			
2 to 3 ft.	7 00	65 00	600 00
18 to 24 in.	6 00	55 00	500 00
12 to 18 in.	5 00	45 00	400 00
Grootendorst Pink, charming pink variety of Grootendorst.			
2 to 3 ft.	7 00	65 00	------
18 to 24 in.	6 00	55 00	------
12 to 18 in.	5 00	45 00	------
Hansa, large, double reddish violet flowers; very hardy.			
2 to 3 ft.	6 50	60 00	------
18 to 24 in.	5 50	50 00	------
12 to 18 in.	4 50	40 00	------
Sir Thos. Lipton, snowy white flower freely produced.			
2 to 3 ft.	6 50	60 00	550 00
18 to 24 in.	5 50	50 00	450 00
12 to 18 in.	4 50	40 00	350 00

CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
American Pillar, large single flowers of crimson-pink. Large white center in tremendous clusters; hardy.			
No. 1	$ 5 50	$ 50 00	$------
No. 1½	4 50	40 00	------
No. 2	3 50	30 00	------
Blaze, hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet crimson. flower.			
XX Heavy	7 00	65 00	------
No. 1	6 50	60 00	------
No. 1½	5 50	50 00	------
No. 2	3 70	32 00	------
Climbing American Beauty, crimson flowers in clusters.			
XX Heavy	6 00	55 00	------
No. 1	5 50	50 00	450 00
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
Climbing Crimson Glory—See patented roses for prices and descriptions.			
Climbing Peace—See patented roses for prices and descriptions.			
Crimson Rambler, Scarlet crimson flowers in large clusters.			
No. 1	4 50	40 00	350 00
No. 1½	3 50	30 00	250 00
No. 2	2 40	20 00	180 00
Dorothy Perkins, miniature shell pink flowers in clusters.			
No. 1	4 00	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00

ROSES—Continued

CLIMBERS and RAMBLERS—Continued	Per 10	Per 100	Per 1000
Dr. J. H. Nicolas—See patented roses for prices and descriptions.			
Dr. Van Fleet, large, flesh-pink flowers on long stems.			
XX Heavy	$ 6 00	$ 55 00	$ ------
No. 1	5 50	50 00	450 00
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
Excelsa, intense scarlet, large clusters of small flowers.			
No. 1	4 00	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00
Excelsa Pillar, strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.			
No. 1	4 00	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00
Gardenia, creamy-yellow flowers in small sprays; quite hardy.			
No. 1	5 50	50 00	------
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
King Midas—See Patented Roses for prices and description.			
New Dawn, fragrant blush pink flowers in clusters. Everblooming.			
No. 1	6 50	60 00	------
No. 1½	5 50	50 00	------
No. 2	3 70	32 00	------
Paul's Scarlet Climber, large intense scarlet flowers borne in clusters; free-flowering and hardy.			
XX Heavy	6 50	60 00	------
No. 1	6 00	55 00	500 00
No. 1½	5 00	45 00	400 00
No. 2	3 20	28 00	250 00
Primrose, double, canary-yellow flowers; hardy.			
No. 1	6 00	55 00	------
No. 1½	5 00	45 00	------
No. 2	3 20	28 00	------

ROSES—Continued
PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. PRICES ARE NET.

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each
Applause, Patent No. 829 (Retails $2.00 ea; 3 or more $1.75 ea.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Prolific bloomer. Winner of the much-prized BAGATELLE GOLD MEDAL.			
No. 1	$1 10	$1 00	$ 95
No. 1½	90	80	76
Capistrano, Patent No. 992 (Retails $2.25 ea; 3 or more $2.00 ea.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, strong heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.			
No. 1	1 25	1 12½	1 05
No. 1½	1 00	90	84
Charlotte Armstrong, Patent No. 455 (Retails $2.00 ea; 3 or more $1.75 ea.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Crimson Glory, Patent No. 105 (Retails $1.75 ea; 3 or more $1.55 ea.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Diamond Jubilee, Patent No. 824 (Retails $2.00 ea; 3 or more $1.75 ea.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Forty-Niner, Patent No. 792 (Retails $2.00 ea; 3 or more $1.75 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-red while the outside is a Chrome-Yellow, changing to straw-yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Katherine T. Marshall, Patent No. 607 (Retails $1.75 ea; 3 or more $1.55 ea.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.			
No. 1	1 00	87½	80
No. 1½	80	70	64

ROSES—Continued

HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each
Lowell Thomas, Patent No. 595 (Retails $2.00 ea; 3 or more $1.75 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.			
No. 1	$1 10	$ 1 00	$ 95
No. 1½	90	80	76
Mirandy, Patent No. 632 (Retails $1.75 ea; 3 or more $1.55 ea.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of Form and is long lasting. Marvelously fragrant.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Mission Bells, Patent No. 923 (Retails $2.25 ea; 3 or more $2.00 ea.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.			
No. 1	1 25	1 12½	1 05
No. 1½	1 00	90	84
New Yorker, Patent No. 823 (Retails $2.00 ea; 3 or more $1.75 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Nocturne, Patent No. 713 (Retails $1.75 ea; 3 or more $1.55 ea.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Peace, Patent No. 591 (Retails $2.50 ea; 3 or more $2.20 ea.) Ovoid buds and golden-yellow etched with pink as they open, color changes from canary-yellow, to pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.			
No. 1	1 40	1 25	1 20
No. 1½	1 12	1 00	96

ROSES—Continued

HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each
Rubaiyat, Patent No. 758 (Retails $1.75 ea; 3 or more $1.55 ea.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly opens into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A. A. R. S. award for 1947.			
No. 1	$1 00	$ 87½	$ 80
No. 1½	80	70	64
San Fernando, Patent No. 785 (Retails $1.75 ea; 3 or more $1.55 ea.) A magnificent thirty petaled rose of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Sleigh Bells, Patent No. 1004 (Retails $2.00 ea; 3 or more $1.75 ea.) The large ovoid buds are borne singly on exceedingly long stems. The freely produced flowers open gradually into blooms of great size with 40 or more petals, lovely in all stages. Unusual for a white rose it is really fragrant and is vigorous and disease resistant.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Sunset Glory, Patent No. 738 (Retails $1.75 ea; 3 or more $1.55 ea.) Buds are yellow suffused with pink opening to a golden yellow over-laid with dusty rose-pink. Flowers are very full and many petaled, 4 to 5 in. across. An improved McGredy's Sunset.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Taffeta, Patent No. 716 (Retails $1.75 ea; 3 or more $1.55 ea.) Rich carmine-rose in the bud, changing to begonia-rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.			
No. 1	1 00	87½	80
No. 1½	80	70	64
Tallyho, Patent No. 828 (Retails $2.00 ea; 3 or more $1.75 ea.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich crimson. The buds, before they unfold, are deep cardinal-red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.			
No. 1	1 10	1 00	95
No. 1½	90	80	76

ROSES—Continued

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each
Cl. Crimson Glory, Patent No. 736 (Retails $2.00 ea; 3 or more $1.75 ea.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.			
No. 1	$1 10	$ 1 00	$ 95
Cl. Peace, Patent No. 932 (Retails $2.50 ea; 3 or more $2.20 ea.) Climbing form of the famous bush Hybrid Tea.			
No. 1	1 40	1 25	1 20
Cl. Summer Snow, Patent No. 400 (Retails $2.00 ea; 3 or more $1.75 ea.) Everblooming White Climber. Clusters of pure white flowers.			
No. 1	1 10	1 00	95
Dr. J. H. Nicolas, Patent No. 457 (Retails $2.00 ea; 3 or more $1.75 ea.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.			
No. 1	1 10	1 00	95
King Midas, Patent No. 586 (Retails $2.00 ea; 3 or more $1.75 ea.) Golden yellow with large, double, high-centered flowers with good form. Buds are touched with red.			
No. 1	1 10	1 00	95

PATENTED FLORIBUNDA

Chatter, Patent No. 739 (Retails $1.50 ea; 3 or more $1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.			
No. 1	90	75	70
No. 1½	72	60	56
Fashion, Patent No. 789 (Retails $2.00 ea; 3 or more $1.75 ea.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom large clusters and singly. A.A..R.S. award for 1950.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
Geranium Red, Patent No. 811 (Retails $1.50 ea; 3 or more $1.30 ea.) Flowers very double. (50 petals). Strong geranium fragrance, bright geranium-red; cluster.			
No. 1	90	75	70
No. 1½	72	60	56
Goldilocks, Patent No. 672 (Retails $1.50 ea; 3 or more $1.30 ea.) Rich golden yellow, buds are ovoid in shape, long lasting hardy, and vigorous.			
No. 1	90	75	70
No. 1½	72	60	56

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each
Pinkie, Patent No. 712 (Retails $1.75 ea; 3 or more $1.55 ea.) A new polyantha producing an abundance of long slender and perfect little pink buds opening to flowers of about two inches across with 14 to 16 petals. Almost continuous bloom throughout the season on a two foot plant carrying light green glossy foliage. Flowers have spicy fragrance. A.A.R.S. award for 1948.			
No. 1	$1 00	$ 87½	$ 80
No. 1½	80	70	64
Pinocchio, Patent No. 484 (Retails $1.50 ea; 3 or more $1.30 ea.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.			
No. 1	90	75	70
No. 1½	72	60	56
Red Pinocchio, Patent No. 812 (Retails $1.50 ea; 3 or more $1.30 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Wild rose fragrance. Vigorous; prolific bloomer.			
No. 1	90	75	70
No. 1½	72	60	56
Summer Snow, Patent No. 416 (Retails $1.50 ea; 3 or more $1.30 ea.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.			
No. 1	90	75	70
No. 1½	72	60	56

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (★) especially suited for rock-garden.

	Per 10	Per 100
AQUILEGIA, Columbine. May-June.		
Chrysantha, best long-spurred golden yellow flowers. 2½ ft. Late.	$ 1 40	$ 12 00
Chrysantha Silver Queen, best long-spurred pure white. 2½ ft.	1 40	12 00
Clematiflora. Mixed. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.	1 40	12 00
★**coerulea** (Rocky Mountain Blue Columbine). 2 ft.	1 40	12 00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft.	1 20	10 00
Lavender and Blue Shades, long-spurred flowers. 2 ft.	1 40	12 00
Pink and Rose Shades, long spurred flowers. 2 ft.	1 40	12 00
Ruby and Crimson Shades, long-spurred flowers. 2 ft.	1 40	12 00
ASTERS, Hardy — Starwart or Michaelmas Daisy. Sept.-Oct.		
Beechwood Challenger, clear crimson-red ,free-flowering 3½ ft.	2 10	18 00
Blue Boy, Low growing, deep blue flowers.	1 80	15 00
Blue Plume, large, nearly double flowers of rich deep purple. A choice introduction 3 to 4 ft.	1 80	15 00
Climax, light lavender–blue flowers, very free 5 ft.	1 40	12 00
Mt. Everest, Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	2 10	18 00
★**Palmyra,** The best pink of Novi-Belgii type. A very hardy vigorous growing Aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 ft.	1 80	15 00
Red Rover, The first red fall Aster. Deep rosy red flowers with golden centers; buds bright red. Free blooming, compact habit. Sept. to frost. 2 to 4 ft.	2 10	18 00
Sunset, A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 inches tall.	1 80	15 00
White Lady, semi-double pure white flowers.	1 80	15 00

ASTERS, ★Hardy Dwarf, September-October.

The Dwarf Asters are, while in flower, without exception the most striking border plants in existence. They bloom at the time of year when few other border plants are in flower. They are truly dwarf, very hardy, and bloom profusely.

Lilac time, Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms in mid-September.	1 40	12 00

HARDY PERENNIAL PLANTS—Continued

ASTERS—Continued	Per 10	Per 100
Nancy, Lively flesh-pink flowers literally cover this dwarf bushy plant in later September. 1 ft.	$ 1 40	$ 12 00
Snowsprite, Cushions of pure white flowers. Dwarf compact and bushy. September. Height 1 ft.	1 40	12 00
Victor, The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1 40	12 00

BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)

CAMPANULA, Bellflower		
medium (Single canterburybells), large bell-shaped flowers. **Blue, Rose and White,** separate colors. June. 2 ft.	1 40	12 00

GARDEN CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-furnished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES

Algonquin, a very hardy variety, with healthy foliage. Pure bright yellow flowers; large and double. Early.	$ 1 80	$ 15 00
Avalanche. Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	1 80	15 00
Dahlia Flower, low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00
Dean Kay Pink. Produces a great abundance of excellent rose-pink flowers in a profuse mass. Perfectly hardy. Grows 2 to 2½ ft.	1 80	15 00
Pohatcong, a conservative pleasing shade of lavender-rose. Double flowers on dwarf, compact plants.	1 40	12 00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

Allegro. Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches.	$ 1 80	$ 15 00
Apricot Glow. Richly hued apricot bronze. The double blooms are 2½ inches in diameter borne in profusion. Cushion type plant. Late August. 18 inches.	2 10	18 00
Betty. An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches.	2 90	25 00
Chris Columbus. Double. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Late September. 26 inches.	2 10	18 00
Early Worm. A vivid semi-double dwarf yellow. Early and very hardy.	2 10	18 00
Fuchsia Fairy. A fine new dwarf mum of clear fuchsia color. Bears a mass of fully double flat flowers about 1 inch across.	2 40	20 00
Generalissimo. A very rugged, fully double flower of soft magnolia-purple. Early September.	2 90	25 00

HARDY PERENNIAL PLANTS—Continued

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS—Continued

	Per 10	Per 100
Gold. Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches	$ 2 10	$ 18 00
Golden Memories. Brilliant golden yellow button in sprays with new buds in abundance. Start opening from August throughout the entire season. Large massive plant 28 inches across.	2 10	18 00
Gold Pagent. Masses of 3 inch double flowers of gold with a darker shimmering sheen. Orange buds create a contrasting mass of harmonious beauty. Blooms early — September 25th.	2 10	18 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches.	1 80	15 00
Oriental Glory. Large double blooms of brilliant oriental red. A good variety for cutting.	2 10	18 00
Pink Surprise. Great mass of giant double 4½ inch brilliant pink blooms. Best early pink—September 15th. A leader in its color.	2 10	18 00
Ray Dietz. A small buttonhole pompom of brightest yellow. Fully double. 1 inch across.	2 10	18 00
September Dawn. Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks.	2 10	18 00

UNIVERSITY OF MINNESOTA INTRODUCTIONS

Butterball. Double ball-like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches.	$ 2 10	$ 18 00
Glacier. Pure glistening white, fully double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches.	2 10	18 00
Red Gold. Double. Blooms are a lively combination of red and golden orange. Probably the gaudiest of all Pom-Poms. Late August. 20 in.	2 10	18 00
Violet. The newest University of Minnesota purple introduction. Fully double, dahlia like blooms of good color cover entire plant. Late August. 20 inches.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

Autumnsong. Large double blooms of wine rose shading to carmine. An entirely new color in mums. One of the most outstanding Chicago introductions. Early September. 20 inches.	$ 2 10	$ 18 00
Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches.	2 10	18 00
Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with healthy green foliage. Late September.	2 10	18 00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued

UNIVERSITY OF CHICAGO INTRODUCTIONS—Continued	Per 10	Per 100
Glowing Coals. Double blooms of deep cherry-red with orange reverse. Well branched plants. One of the best early reds. Mid September. 24 inches.	$ 2 10	$ 18 00
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches.	2 10	18 00
Meditation. Full double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches.	2 90	25 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches.	2 10	18 00
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches.	2 10	18 00
Tangerine. Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy deeply cut foliage. September to mid-October.	2 10	18 00

NEW HARDY ENGLISH CHRYSANTHEMUMS

Adoration. Large spreading double blooms. Pink on a cream background. Easy to disbud. Plants will carry 6 to 8 blooms 5 to 6 inches in diameter. Fine for cutting. Late September. 36 inches.	2 90	25 00
Indiana. Double blooms of rich velvety crimson shaded darker at the center borne on long stems. Good disbudded or in sprays. Late September. 24 inches.	2 40	20 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when disbudded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches.	2 40	20 00
Orange Glow. Orange-bronze flowers with gold reverse. Blooms profusely on good stems. Disbudding not necessary. Double. Mid-September. 26 inches.	2 90	25 00
Primrose. An immense primrose yellow flower shading to cream. A strong grower. Good as sprays, but immense if disbudded. A beauty. September.	2 90	25 00
Vulcan. Large brilliant crimson well shaped flowers are produced profusely. The best of the English reds. Mid-September. 26 inches.	2 40	20 00

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

Bronze Cushion, double flowers compact mounds of bronze and copper. Early.	$ 1 80	$ 15 00
Pink Cushion, masses of light pink flowers in broad mounds.	1 80	15 00
Purple Cushion, A new perfectly round, bushy plant completely covered with very attractive, fully double purplish-rose colored flowers, with deep wine colored centers.	2 40	20 00

HARDY PERENNIAL PLANTS—Continued

CUSHION CHRYSANTHEMUMS—Continued	Per 10	Per 100
Red Cushion, a splendid improved early crimson red variety.	$ 1 80	$ 15 00
White Cushion, a select strain, double white flowers.	1 80	15 00
Yellow Cushion, pure golden yellow; early flowering and long lasting.	1 80	15 00

HARDY CARNATION—See Dianthus Grenadin Caryophyllus

COREOPSIS, Tickseed	Per 10	Per 100	Per 1000
Mayfield Giant, large yellow flowers on firm, strong stems.	$ 1 20	$ 10 00	$ 80 00
DAISY SHASTA, Chrysanthemum Maximum			
Alaska Supreme, Shapely plants, large flowers. June-July.	1 20	10 00	80 00
Dieners Double, many of the blooms are large and very double; an excellent cut flower variety. June-July. 2 ft.	1 40	12 00	100 00
DELPHINIUM, Larkspur			
Bellamosa Improved, dark blue flowering form of Belladonna.	1 20	10 00	80 00
Cliveden Beauty, large spikes, sky-blue flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	1 20	10 00	80 00
La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4 to 5 ft.	1 20	10 00	80 00
Pacific Hybrids Mixed. This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 5 feet long closely packed with individual flowers from 2 to 3 inches across, many are double, semi-double, some single.	1 80	15 00	------
★**DIANTHUS.**			
Barbatus, Old Fashioned Sweet William. This is the old fashioned Sweet William bearing flowers in great profusion in May and June Excellent for cutting. We offer these in the following varieties.			
Newport Pink. Rich Salmon pink. This variety being grown from seed is always partly mixed.	1 20	10 00	------
Scarlet Beauty. 18 inches.	1 20	10 00	80 00
Latifolius.			
Atrococcineous flore pleno, deep intense scarlet; double flowering. Blooms all summer. 12 inches.	1 20	10 00	80 00
Plumaris.			
Semperflorens flore pleno. Single and double pinks. 15 inches.	1 40	12 00	------

DIANTHUS GRENADIN CARYOPHYLLUS (HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Golden Sun. Early flowering, very double, large clear yellow flowers.	$ 1 80	$ 15 00
Rose Queen Triumph. Deep delicate pink.	1 80	15 00
Scarlet—Rich Scarlet. Extra large flowering.	1 80	15 00
White.	1 80	15 00

HARDY PERENNIAL PLANTS—Continued

DIANTHUS JUNE CARMINE	Per 10	Per 100
A beautiful shade of bright carmine pink with the spicy fragrance of the old clove pinks. It has carnation-like foliage. The flowers are fully double, on 12 to 15 inch stems.	$ 2 90	$ 25 00

DIELYTRA, (DICENTRA) Bleeding Heart

	Per 10	Per 100	Per 1000
★**exima, Fern-leaved Bleeding Heart.** A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.	$ 2 10	$ 18 00	$160 00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 18 in. Undivided plants. 3 to 5 eye.	4 50	40 00	------

★FUNKIA, plaintain Lily

	Per 10	Per 100
lancifolia, green foliage, lilac flowers. July-Aug. 18 in.	$ 1 80	$ 15 00
★**variegata,** green and white foliage, blue flowers. July. 12 in.	2 10	18 00

GAILLARDIA, Blanket Flower. June until frost.

Burgundy, rich wine-red; excellent for cutting. 1½ to 2 ft.	1 80	15 00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1 40	12 00
Sunset, large flowers are pure yellow with red center.	1 40	12 00

GYPSOPHILA, Baby's Breath

Oldhamiana, flowers white delicately tinted pink; upright growth. Blooms late in Autumn. 3 ft.	1 80	15 00
paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft.	1 20	10 00

HEMEROCALLIS, Day Lily

Bay State. Fine large blooms with fluted petals of clear yellow. Perfectly formed flowers. A heavy and persistant bloomer. July and August. 36 inches.	1 80	15 00
Dawn. A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches.	3 50	30 00
Florham, large trumpet-shaped golden yellow flowers. June	1 80	15 00
Hyperion. Exceptionally large blooms, seven inches, of a soft canary yellow. Fine form and substance. Very fragrant. Considered by many the finest Hemerocallis ever introduced. June-July. 3½ feet.	3 50	30 00
Kwanso Fl. Pl., a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry, brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	1 80	15 00
Thunbergi, much like flava but flowers one month later. July. 2½ feet.	1 20	10 00

★HEUCHERA, Coralbells

brizoides, coral-pink, very prolific. May. 12 in. 2 in. pot plants.	1 80	15 00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
HIBISCUS, Rose Mallow		
Giant Flowering Mixed. August-September. 4-5 ft.	$ 1 40	$ 12 00
★HOLLYHOCKS, Althea Rosea		
Double Separate Colors, Blood Red, Lilac Beauty, Newport Pink, White and Yellow. July. 4 ft.	1 40	12 00
★IBERIS, Hardy Candytuft.		
Sempervirens, each plant is a sheet of white in May and June; plants are dwarf, deep green foliage almost evergreen. 8 inches.	1 40	12 00

IRIS — GERMANICA

China Maid. Flowers are blend pink, golden bronze and soft lilac. Flowers are large and well proportioned of good texture on tall graceful stems.	$ 2 40	$ 20 00
Depute Nomblot. Large perfectly formed flowers on tall, well-branched stems. Standards copper-red flushed golden bronze, rich claret-crimson falls. Entire flower appears to be sprinkled with fine golden powder. A Dykes Medal Winner.	1 40	12 00
Great Lakes. Well rounded large blossoms on tall well-branched stems. Flowers are pure light blue with stiff crisp petal texture. Hardy and rugged. 1942 Dykes Medal Winner.	2 90	25 00
Golden Majesty. Gleaming golden yellow uniform flowers on tall three foot stems. Large dome shaped blooms. One of the finest yellows.	1 80	15 00
Gudrun. One of the finest whites for foreground planting. Undoubtedly the largest snow-white iris with warm golden beard and haft markings. A Dykes Memorial Medal Winner.	1 40	12 00
Monadnock. Flowers are large rose red throughout with golden beard.	2 40	20 00
Prairie Gold. Very large, rich dark yellow with light yellow falls and orange beard. Fragrant.	1 20	10 00
Red Gleam. A true dark brilliant red. Standards and falls are almost the same shade of red. Good sized semi-flaring blooms on three foot stems.	2 90	25 00
Sable. Flowers are a beautiful shade of extremely dark blackish purple with violet blue beard. Large blooms well substanced with a lustrous sheen. A good grower well branched heavy stalk. A most outstanding and popular variety.	4 00	35 00
Sir Michael. Massive flowers on tall 48 inch stems. Lavender standards with falls, purple suffused red.	1 40	12 00
Susan Bliss. A magnificent pink-toned variety. Flowers produced on tall 40 inch stems. One of best low priced pinks.	1 20	10 00
Wabash. A most striking variety. Blooms have pure white standards and rich velvety deep violet falls bordered white. Slightly ruffled. Dykes Medal Winner 1940.	1 40	12 00

PERENNIALS—Continued

FALL BLOOMING IRIS

	Per 10	Per 100
Eleanor Roosevelt. A very reliable rebloomer. Blooming in the spring with other early flowering varieties and again in the fall. Blooms are a very dark fluorite purple.	$ 1 20	$ 10 00

IRIS PUMILLA

Keepsake. A bright yellow dwarf with brilliant orange beard. 8 inches.	1 80	15 00
Sapphire. Dark blue bicolor. 8 inches.	1 20	10 00
Schneecuppe. Large showy, pure white blooms. Very floriferous.	1 80	15 00

LATHYRUS, Everlasting Sweet Pea

latifolius, a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.	1 40	12 00

★LINUM, Flax

perenne, bright blue flowers, upright growth.	1 20	10 00

LUPINUS

polyphyllus. Tall spikes. Separate colors, dark blue, light blue, carmine. June. 3 to 4 ft.	1 80	15 00

LYCHNIS, Campion

Chalcedonica, Maltese Cross, vivid scarlet flowers. July. 2 ft.	1 40	12 00

LYTHRUM.

Morden's Pink. Produces masses of rose pink flowers on narrow spikes. A profuse and continuous bloomer from June to September. Does well in full sun or partial shade. Fine for cutting. Very hardy.	1 80	15 00
The Beacon. For small borders or large mass planting, the long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost.	1 80	15 00

MYOSOTIS, Forget-me-not

★Palustris semperflorens, rich blue flower, yellow eye. Blooms all summer. 8 in.	1 40	12 00
Pink Beauty. Clusters of large, deep pink forget-me-not flowers. Good cut flower. June to September.	2 10	18 00

PAPAVER ORIENTALS

These named varieties of Oriental Poppies, are grown from rooted cuttings. They will be twice transplanted insuring a heavy plant with good root system. For most successful results, Poppies should be planted in August or September. Prices subject to change without notice.

	Per 10	Per 100
Australia. Large oxblood flowers on rigid tall stems. An Australian introduction.	$ 3 50	$ 30 00
Beauty of Livermore. Deep ox-blood, velvety red, extra large, distinctive foliage, sturdy erect stems. The earliest deep red Poppy. 39 in.	2 40	20 00
Betty Ann. Beautiful crinkled flower of La France pink, no spots. Profuse bloomer. 24 in.	2 90	25 00
Big Jim. Mammoth gorgeous flowers of deep maroon. 36 in.	2 90	25 00

PERENNIALS—Continued

PAPAVER ORIENTALS—Continued	Per 10	Per 100
Cerise Beauty. Profuse bloomer. Medium sized flowers and height. Flowers are deep rose with glittering blackish purple blotches. 32 in.	$ 2 40	$ 20 00
Cheerio. Shell pink. Cherry-red base spots.	3 50	30 00
Crimson Pom Pom. Fully double, deep red flowers.	2 40	20 00
Curtis Salmon Pink. Giant blooms of a most pleasing salmon pink, more pink than salmon. Not the biggest of the giants but one of the best. A rugged grower. 3 foot stems and 8 inch blooms.	2 90	25 00
Dainty Lady. LaFrance pink with base blotches of begonia rose. 28 in.	2 40	20 00
Flashy Glow. Yellow with orange cast. Clearer than others of this type. Blooms late midseason. 30 in.	2 90	25 00
Helen Elizabeth. Light LaFrance pink. Petals are deeply crinkled. 34 in.	2 40	20 00
Jeanne Mawson. Geranium pink flowers of good size on erect stems. Erect profuse bloomer. 32 in.	2 40	20 00
Jessie Curtis. Deep mulberry red fading to light bronze.	4 00	35 00
John III. Lovely deep coral pink.	2 90	25 00
Joyce. Spectrum or cherry-red in color. Medium sized flowers borne on tall perfectly straight stems. We consider it one of the best garden varieties. 48 in.	2 90	25 00
Lach Koenigen. Peach red with a rosy cast.	2 90	25 00
Little Shrimp. Small deep shrimp pink flowers. Free flowering.	2 40	20 00
Mandarin. A splendid scarlet with no spots in the flower of the established plants. 28 in.	2 90	25 00
Mary Jane Miller. Large size flower in an intense shade of geranium pink, carried on tall stiff stems.	3 50	30 00
New Perfection. Rose dawn. A new rose pink with black blotch.	2 40	20 00

ORIENTAL HYBRIDS	Per 10	Per 100
Scarlet-crimson with black spots at the base of the petals. From cuttings.	$ 2 10	$ 18 00

	Per 10	Per 100
Red Flame. Lacquer red flowers of medium size on very straight stems.	$ 2 40	$ 20 00
Salmon Glow. Large salmon orange; double early flowering.	2 40	20 00
Sass Pink. One of the finest and largest pink poppies. Immense blooms of fine crapy texture and lovely light delicate pink shade with a gray-mauve center.	2 40	20 00
Silver Blick. Pink with silvery shading. Small spots.	2 40	20 00
Sturmfackel. Ruffled orange scarlet	2 40	20 00
Trilby. Late and very fine. Very deep red crinkled petals. Stiff stems. 26 in.	2 90	25 00
Wurtembergia. Deep red borne on long stiff stems. 38 in.	2 90	25 00

PERENNIALS—Continued

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted are vigorous and well developed.

	Per 10	Per 100
Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 inches.	$ 1 80	$ 15 00
American Beauty. A beautiful deep rose-pink. All that the name implies.	1 80	15 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
Apollo Red. Deep rose-red.	1 80	15 00
B. Comte, rich, satiny wine-red; one of the most brilliant.	1 80	15 00
Bright Eyes. A seedling of Daily Sketch and possesses its parents fine quality. Extraordinarily large florets, possibly the biggest of any Phlox. Brilliant red with dark center eyes.	2 10	18 00
Chieftain, clear deep ruby red without shadings; an unusual new "red" that is really outstanding.	2 10	18 00
Eva Forester, large heads of 30 to 40 individual flowers at one time. Flower clear pink and 1¼ in. across.	1 80	15 00
Fiancee, beautiful waxy white flowers. Blooms very late in the season.	1 80	15 00
Flash. New. Showy bright red. One of the best of the new Phlox.	1 80	15 00
Harvest Fire, large, salmon-orange trusses made up of large florets.	1 80	15 00
Jules Sandeau, rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 40	12 00
July Lights. Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye.	1 80	15 00
Leo Schlageter, brilliant, glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence today.	1 80	15 00
Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1 80	15 00
Mary Louise, the individual flowers are twice as large as other white Phlox; unquestionably the best white to date.	1 80	15 00
Miss Lingard, immense white flower heads; disease resistant. The earliest white; very prolific.	2 10	18 00
Moonlight Dream. Large rich creamy white trusses. Medium grower.	2 10	18 00
Mrs. Harding, deep salmon-rose with orange cast; a fine large flowering variety of branching habit. Very prolific.	1 80	15 00
Mrs. Jenkins. Pure white, late flowering. Free from any disease.	1 40	12 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	1 80	15 00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2 10	18 00

PERENNIALS—Continued

PHLOX—Paniculata—Continued	Per 10	Per 100
Prime Minister, pure white with distinct crimson eye.	$ 1 40	$ 12 00
Progress. Superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2 10	18 00
Purple Sweetheart. Large reddish purple florets with darker eye. One of the best purples.	1 80	15 00
Rheinlander, salmon pink with carmine eye.	1 80	15 00
Rijnstroom, clear rose-pink with lavender cast. Large, compact trusses. Vigorous grower. Very desirable.	1 40	12 00
Ruby Lee. Extra large plum-red flowers. Medium height.	2 10	18 00
Salmon Beauty, one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox.	1 80	15 00
Salmon Glow. Beautiul, large flame pink flowers with salmon flush.	1 80	15 00
San Antonio. Carmine shaded plum-red, the heads and individual flowers are very large.	2 10	18 00
Sieboldt. Orange scarlet with crimson eye.	1 80	15 00
Starlight, large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand.	1 80	15 00
Thor, deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering.	1 40	12 00
World Peace. Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white.	2 40	20 00
PHLOX, subulata, Moss or Mountain Pinks		
alba, pure white flowers cover the plant in May.	1 40	12 00
atropurpurea, the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in.	1 40	12 00
Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2 10	18 00
Emerald Cushion. A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 40	20 00
May Snow. An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2 10	18 00
Samson, rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00
PHYSOSTEGIA.		
Summer Glow. Tall stems often exceeding 4 feet, topped by colorful rosy-crimson flower spikes 18 inches in length. Splendid for background or as cut flowers. Mid-August.	2 10	18 00
PLATYCODON, Balloon Flower. June and July. 18 in.		
grandiflorum, blue.	1 40	12 00
Grandiflora Rosea, Lovely new pure rose-pink.	1 80	15 00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
atrosanguinea, deep rose-red, single flowers.	1 40	12 00
hybridum roseum, soft pink and rose shades, single.	1 40	12 00

PERENNIALS—Continued

	Per 10	Per 100
SALVIA (Sage)		
Edible, especially valuable for seasoning. 2 ft.	$ 1 20	$ 10 00
★**SEDUM, Stonecrop**		
Acre, (Golden Moss), green foliage, yellow flowers. July. 4 inches.	1 40	12 00
Kamtschaticum. Orange-yellow flowers, with prostrate, green foliage turning golden in autumn.	1 80	15 00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.	1 80	15 00
Spectabilis Brilliant, light green foliage, broad heads of rich rose-red flowers. August-September. 15 inches.	1 80	15 00

TRITOMA

	Per 10	Per 100
Coral Sea. (Pat. No. 563). Color a fine shade of pastel coral-red, overlaid deep rose. The plants form graceful flower spikes which in June and July produce from 15 to 30 medium sized flower spikes of uniform height, about 30 inches.	$ 5 00	$ 35 00

(Retails; 95¢ each; $7.25 per doz.)

	Per 10	Per 100
VERBENA		
Canadensis, Rosy-lilac flowers. Does best in mixed soil.	$ 1 40	$ 12 00
VERONICA, Speedwell		
Blue Champion. Lovely deep blue spikes. Fine for border. Plant is bushy with upright habit of growth. Flowers throughout early summer.	2 90	25 00
Blue Peter, flower spikes are deepest, navy blue, borne on stiff stems about 15 to 18 inches tall. Better color and far superior habit of growth and floriferousness than Blue Spire.	2 10	18 00
Incana Rosea. Silvery gray foliage with upright spikes of pink flowers. June. 9 in.	2 10	18 00
YUCCA FILAMENTOSA		
Creamy yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. From root divisions.	2 10	18 00

LILIUM, Domestic Grown

regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.		
4 to 6 in.	90	7 00
tenuifolium (Carol L). Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.	1 00	8 00
3 to 4 in.	1 20	10 00
4 to 5 in.	1 40	12 00
tigrinum, the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in.	1 40	12 00
Double 6 to 8 in.	1 80	15 00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white, bell-shaped flowers for shaded locations.		
Pips	40	3 50
Clumps (10 pips each)	2 90	25 00

SPRING BULBS

CANNAS

	Per 100	Per 1000
The cannas we are offering are strong 3 to 5 eye divisions, properly matured and cured to insure the best possible results.	$ 7 50	$ 65 00

BRONZE FOLIAGE VARIETIES

King Humbert, a grand variety. The largest heart shaped leaves are purple-madder brown over bronze; immense orchid-like velvety orange-scarlet flowers. 5 ft. tall.

Wyoming, orchid-flowering variety; magnificent orange-colored flowers. Purple foliage. 5 ft. tall.

CREAM WITH GREEN FOLIAGE

★**Eureka,** the only really worthwhile white Canna. 4 ft. tall.

PINK SHADES WITH GREEN FOLIAGE

★**City of Portland,** undoubtedly the most popular pink blooming Canna. A fast grower, and heavy bloomer. 5 ft. tall.

Hungaria, rich soft pink flower; free-flowering, vigorous. 4 ft. tall.

Pink Gem, Bright salmon-rose flowers. 4 ft. tall.

RED SHADES WITH GREEN FOLIAGE

The President, immense firm flowers of rich glowing scarlet produced on strong erect stalks well above the large rich green foliage. 4 ft. tall.

Florence Vaughan, golden yellow dotted crimson. 4 ft. tall.

Yellow King Humbert, yellow with red spots; very attractive. 4 ft. tall.

★**Varieties.** Prices $8.50 per 100; $75.00 per 1000.

DAHLIAS

The Dahlias offered are all exceptionally fine, reasonably priced varieties; strong healthy tubers with good crowns and eyes. Varieties offered were selected for their adaptability to the average garden, freeness of bloom and cut-flower value.

DECORATIVE	Per 10	Per 100
Avalon, the finest canary yellow; excellent for cuttings	$ 1 80	$ 15 00
Gertrude Brinton, brilliant scarlet-crimson	1 80	15 00
Jane Cowl, glistening bronze-buff and salmon shades	2 10	18 00
Jean Kerr, pure white, a fine cut flower	1 80	15 00
Jersey Beauty, very popular pink. Profuse bloomer	2 10	18 00
Mrs. I. de Ver Warner, orchid pink; large and popular	1 80	15 00

BOXING CHARGES

30x30x10	$7 00	24x24x6	$4 50
30x30x8	6 00	20x20x10	5 00
30x30x6	5 00	20x20x8	4 50
30x30x5	4 50	20x20x5	3 75
30x30x4	3 50	18x19x10	5 50
24x24x10	6 00	16x16x10	4 25
24x24x8	5 50	12x12x10	3 50

CORRUGATED BOXES

72x20x20	$2 25	48x20x20	$1 25
60x20x20	1 75	36x20x20	1 00

Bales will be charged at actual cost of the material and labor.

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DIAMOND JUBILEE
(Plant Pat. 824)

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(Plant Pat. 105)

RED
PINOCCHIO
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(Plant Pat. 716)

Our Roses are carefully and liberally graded before being placed in our modern cold storage. The temperature and humidity is maintained at the proper level to insure completely dormant and vigorous plants. It is also equipped with ultra-violet ray lamps to completely prevent and destroy all bacterial growth.

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